

## ABSTRACT OF THE DISCLOSURE

The ink-jet recording unit and method apply a voltage identical in polarity with charged colorant particles agglomerated at a tip of each of ink guides to an ejecting electrode, eject ink from the tip and shake the colorant particles at the tip to agglomerate the colorant particles at the tip in preparation for a subsequent ejection of the ink. The recording head cleaning method for the ink-jet recording unit fills the ink channel with a cleaning solution and shakes the cleaning solution to clean the ink guides.